FIG.1

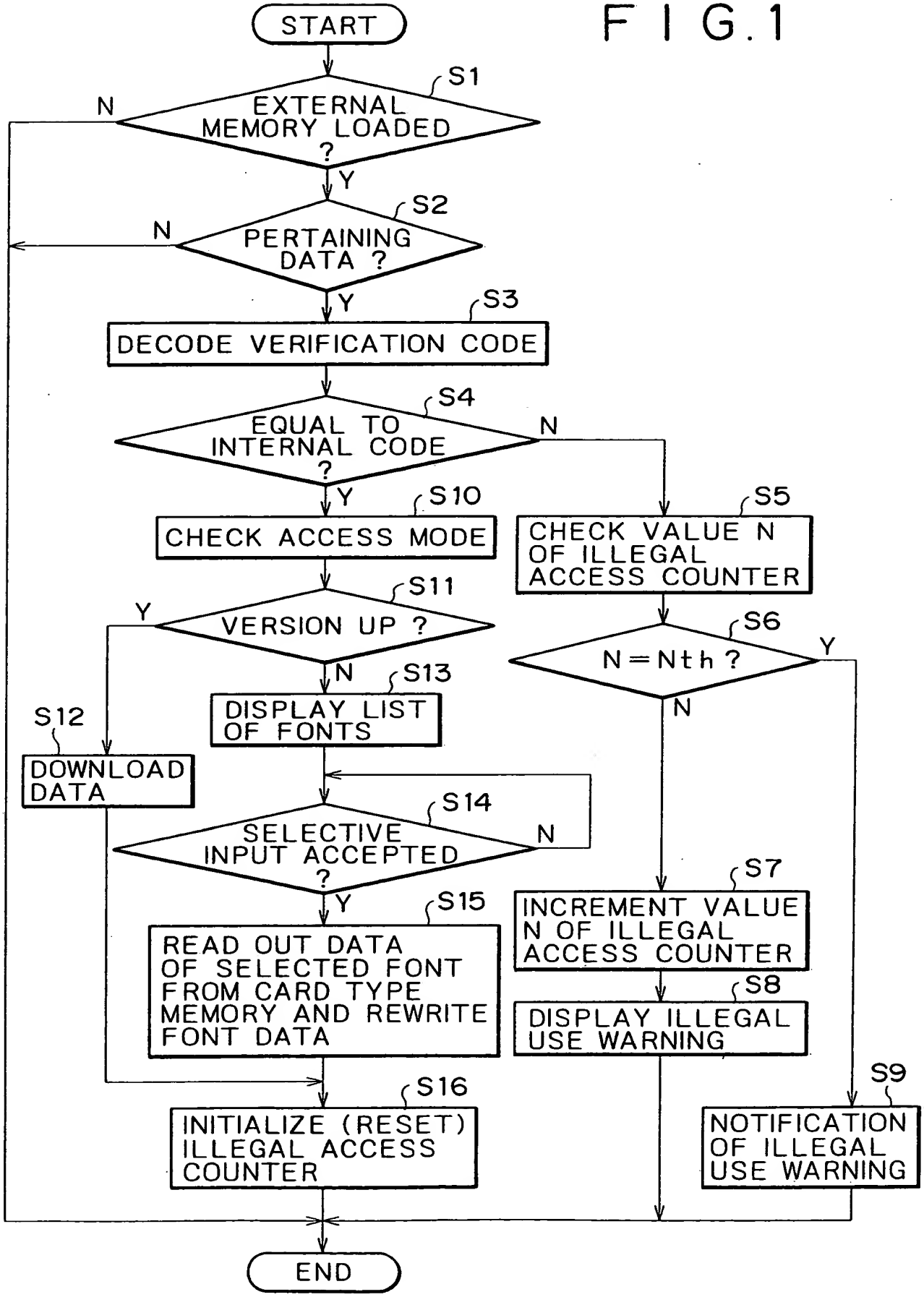

START
S1
EXTERNAL MEMORY LOADED ?
N
Y
S2
PERTAINING DATA ?
N
Y
S3
DECODE VERIFICATION CODE
S4
EQUAL TO INTERNAL CODE ?
N
Y
S10
CHECK ACCESS MODE
S11
VERSION UP ?
Y
N
S12
DOWNLOAD DATA
S13
DISPLAY LIST OF FONTS
S14
SELECTIVE INPUT ACCEPTED ?
N
Y
S15
READ OUT DATA OF SELECTED FONT FROM CARD TYPE MEMORY AND REWRITE FONT DATA
S16
INITIALIZE (RESET) ILLEGAL ACCESS COUNTER
S5
CHECK VALUE N OF ILLEGAL ACCESS COUNTER
S6
N=Nth ?
Y
N
S7
INCREMENT VALUE N OF ILLEGAL ACCESS COUNTER
S8
DISPLAY ILLEGAL USE WARNING
S9
NOTIFICATION OF ILLEGAL USE WARNING
END

FIG. 2

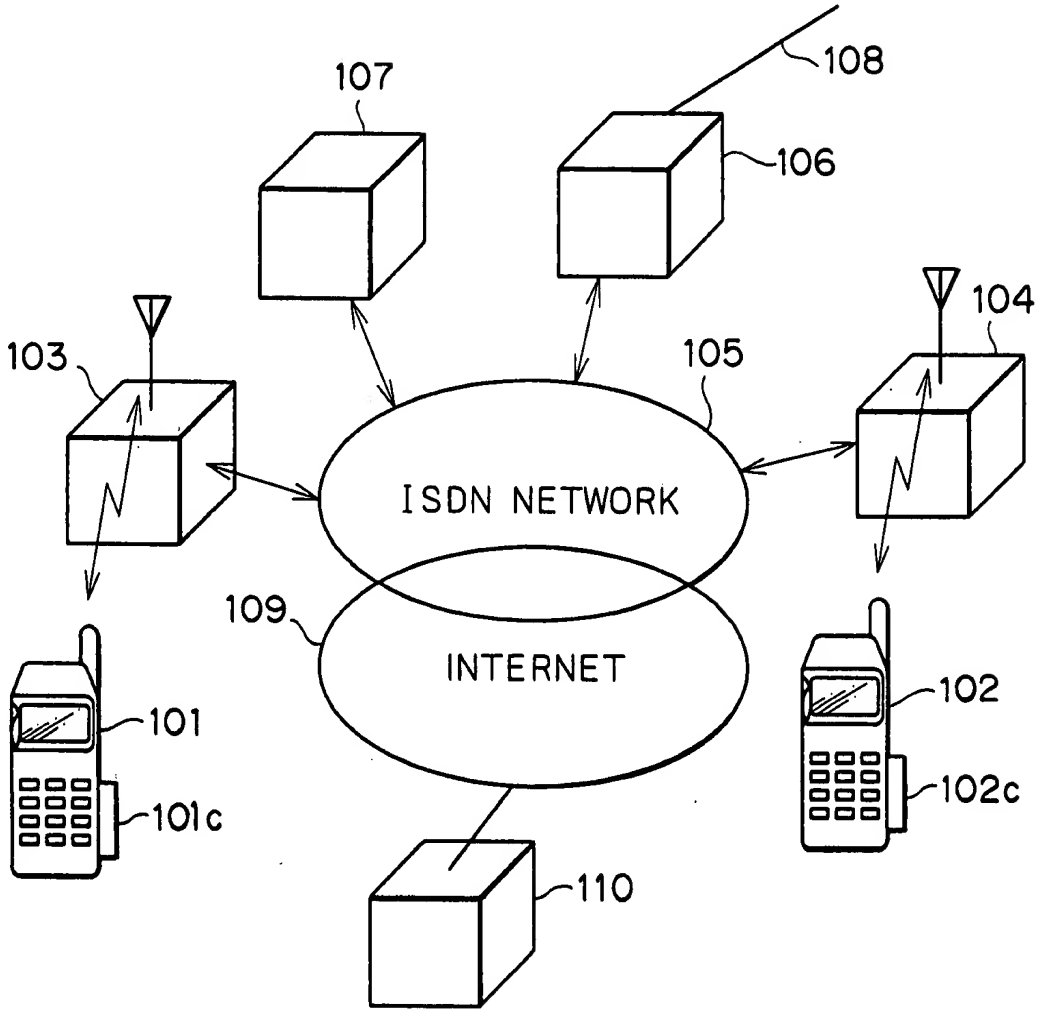

107
108
106
104
103
105
ISDN NETWORK
109
INTERNET
101
101c
102
102c
110

FIG.3

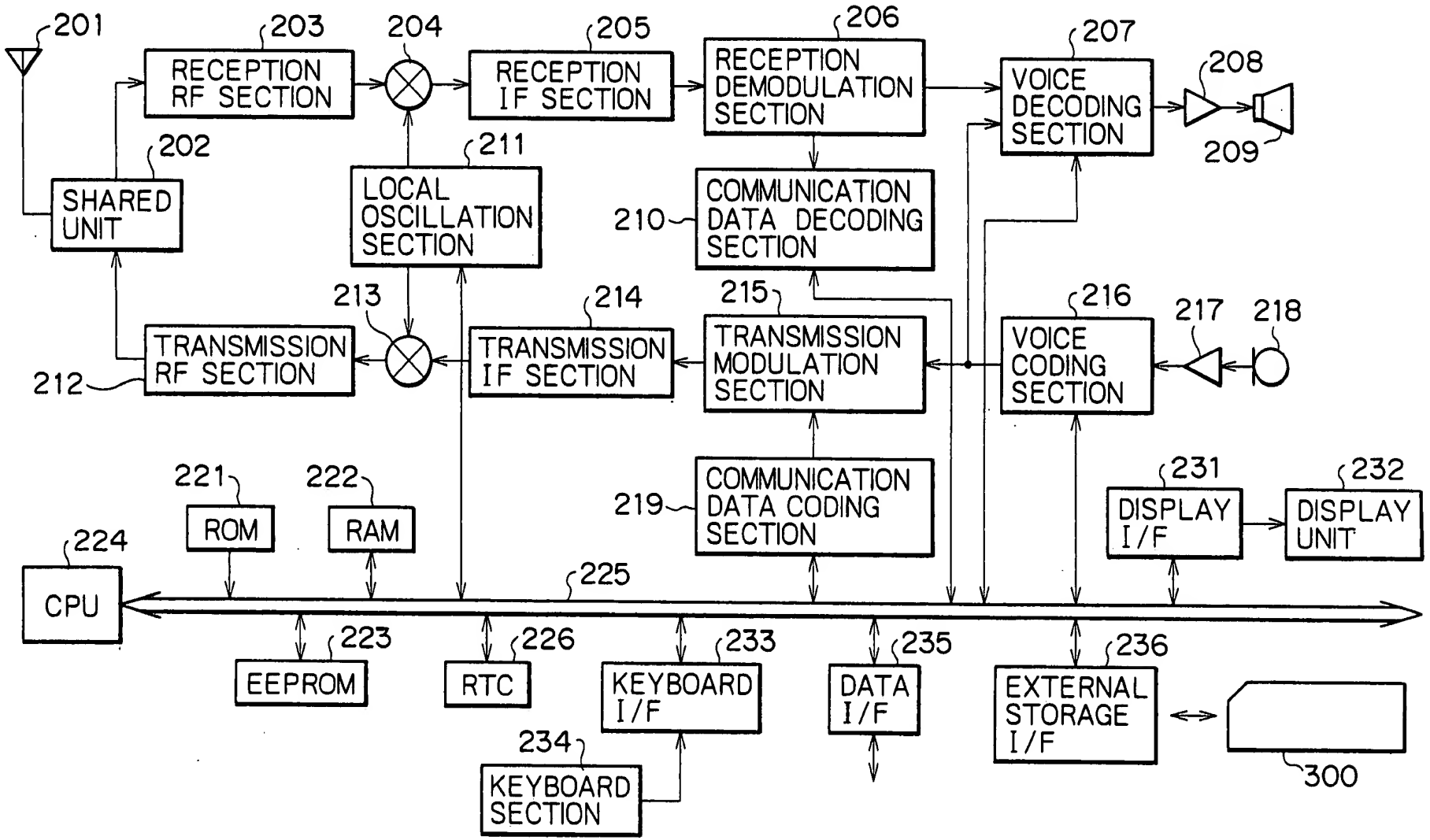

201
203
204
205
206
207
208
209
RECEPTION RF SECTION
RECEPTION IF SECTION
RECEPTION DEMODULATION SECTION
VOICE DECODING SECTION
202
211
SHARED UNIT
LOCAL OSCILLATION SECTION
210
COMMUNICATION DATA DECODING SECTION
213
214
215
216
217
218
TRANSMISSION RF SECTION
212
TRANSMISSION IF SECTION
TRANSMISSION MODULATION SECTION
VOICE CODING SECTION
221
222
219
231
232
ROM
RAM
COMMUNICATION DATA CODING SECTION
DISPLAY I/F
DISPLAY UNIT
224
225
CPU
223
226
233
235
236
EEPROM
RTC
KEYBOARD I/F
DATA I/F
EXTERNAL STORAGE I/F
234
300
KEYBOARD SECTION

FIG. 4

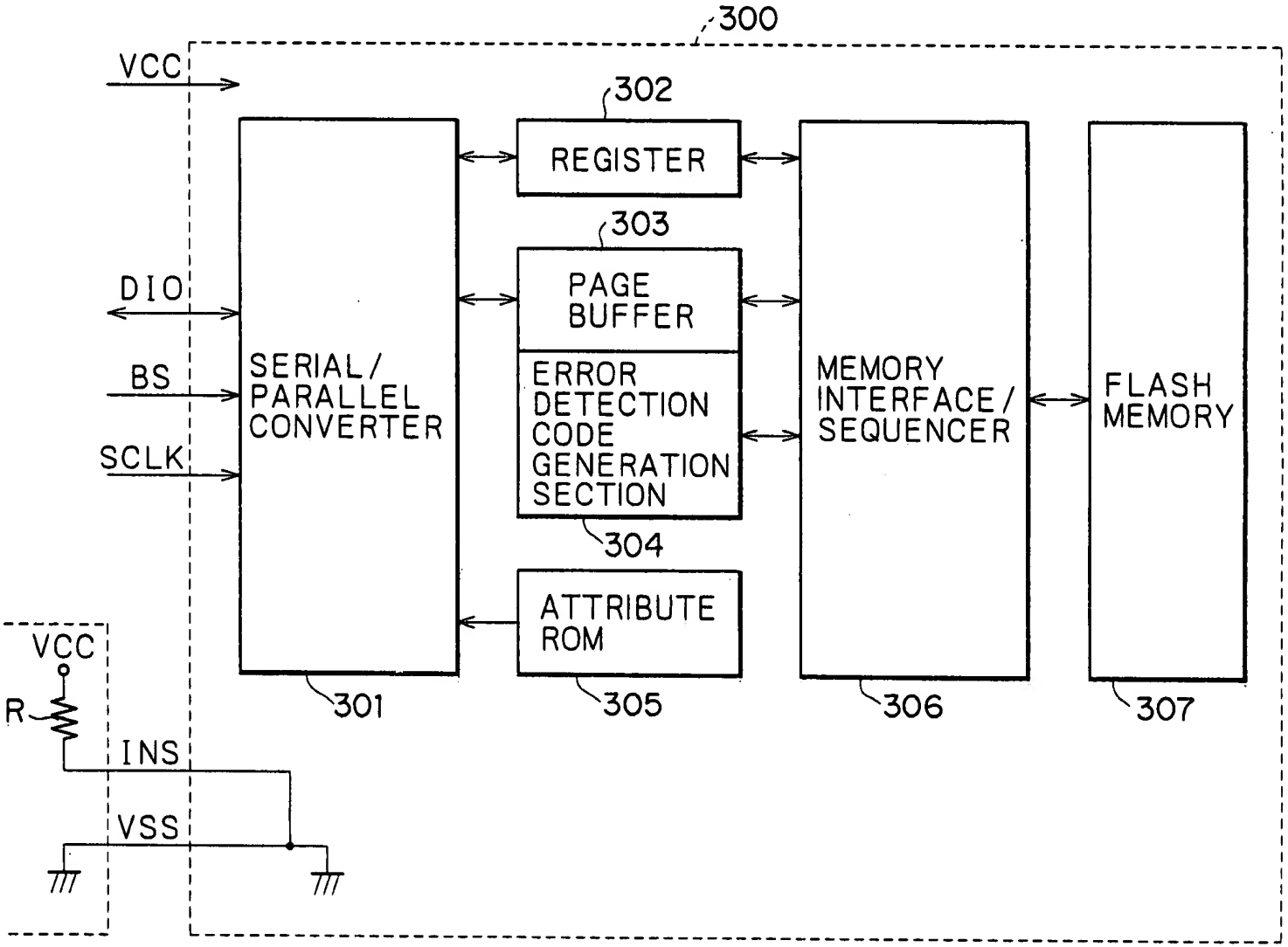

300
VCC
302
REGISTER
303
PAGE BUFFER
DIO
BS
SCLK
SERIAL/ PARALLEL CONVERTER
ERROR DETECTION CODE GENERATION SECTION
304
ATTRIBUTE ROM
MEMORY INTERFACE/ SEQUENCER
FLASH MEMORY
VCC
R
INS
VSS
301
305
306
307

FIG. 5

401 ITEM	402 CONTENTS
403 PRODUCT CODE	10 Octet 408
404 PRODUCT VERSION	10 Octet 409
405 MANUFACTURER CODE	10 Octet 410
406 MANUFACTURE DATE	10 Octet 411
407 VERIFICATION CODE	10 Octet 412

FIG. 6A

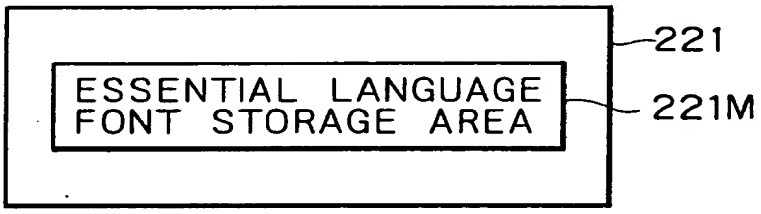


FIG. 6B

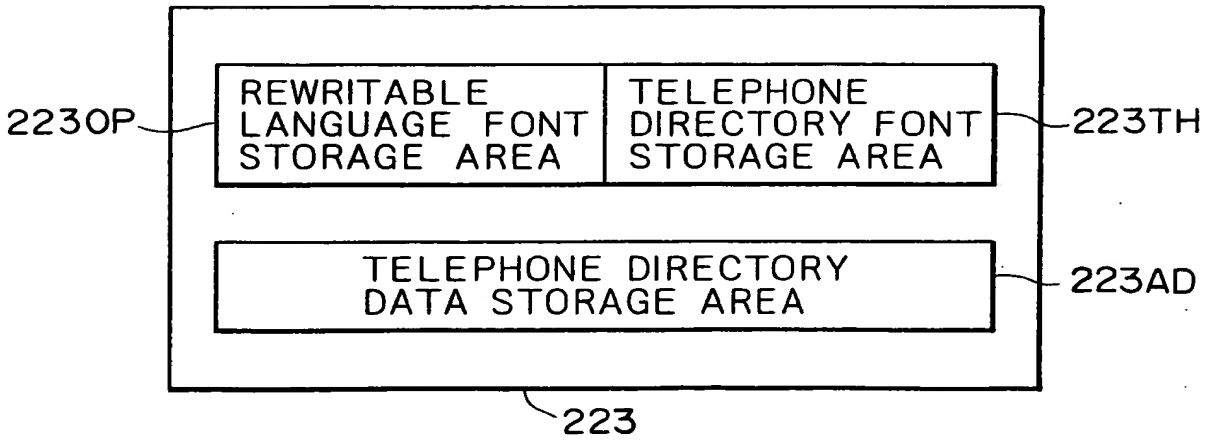
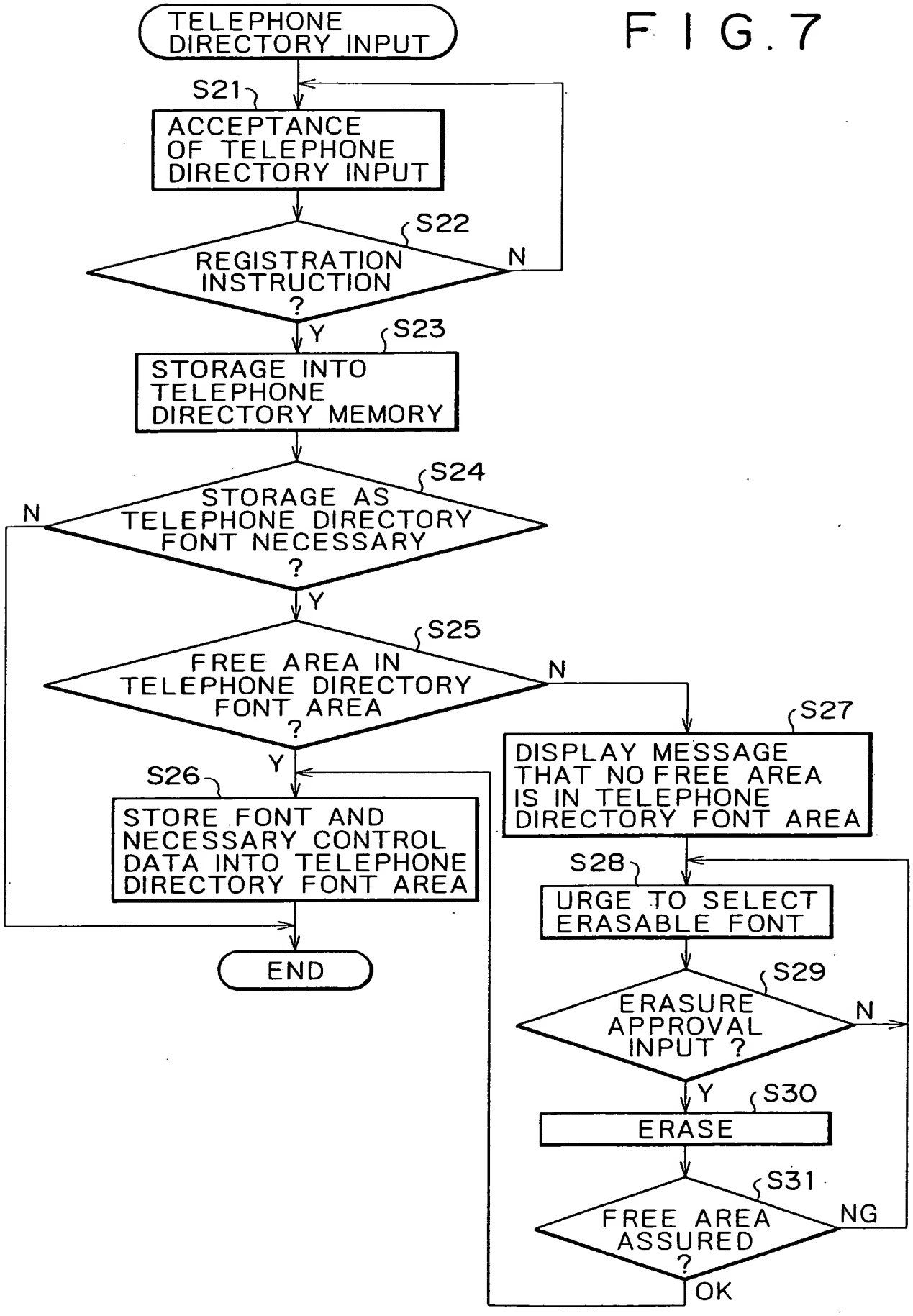


FIG. 7


TELEPHONE DIRECTORY INPUT
S21
ACCEPTANCE OF TELEPHONE DIRECTORY INPUT
S22
REGISTRATION INSTRUCTION ?
N
Y
S23
STORAGE INTO TELEPHONE DIRECTORY MEMORY
S24
STORAGE AS TELEPHONE DIRECTORY FONT NECESSARY ?
N
Y
S25
FREE AREA IN TELEPHONE DIRECTORY FONT AREA ?
N
Y
S26
STORE FONT AND NECESSARY CONTROL DATA INTO TELEPHONE DIRECTORY FONT AREA
END
S27
DISPLAY MESSAGE THAT NO FREE AREA IS IN TELEPHONE DIRECTORY FONT AREA
S28
URGE TO SELECT ERASABLE FONT
S29
ERASURE APPROVAL INPUT ?
N
Y
S30
ERASE
S31
FREE AREA ASSURED ?
NG
OK